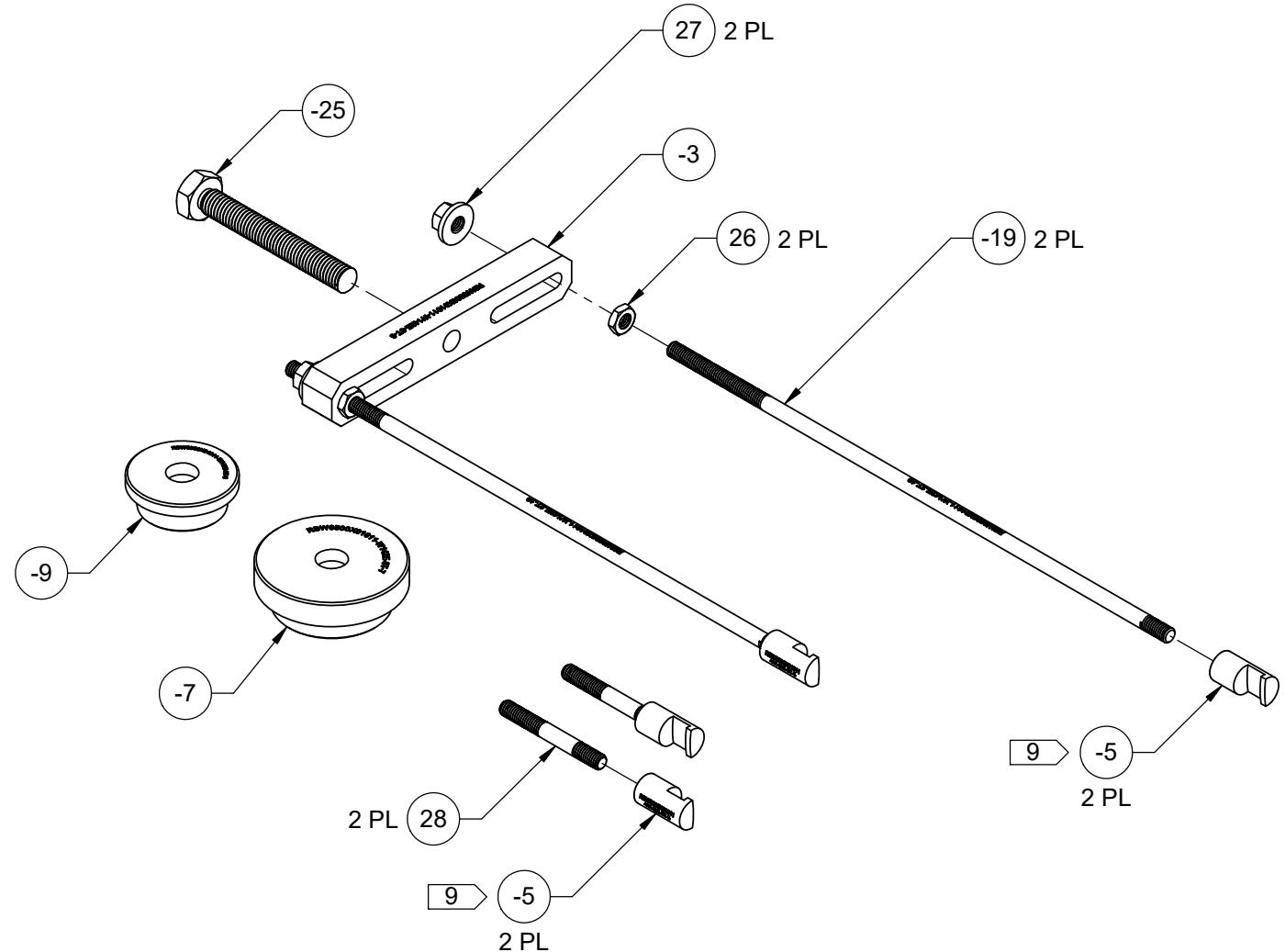
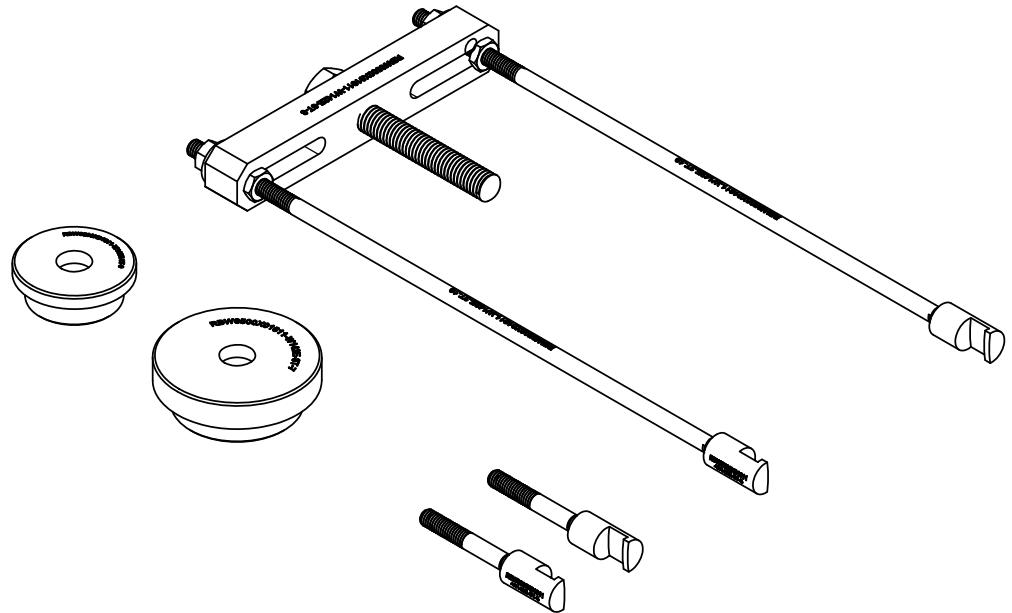


8 7 6 5 4 3 2 1

ITEM #	QTY	P/N	DESCRIPTION
-3	1	RBW6500X01611-W142E-3T-3	CROSS BAR
-5	4	RBW6500X01611-W142E-3T-5	EXTRACTOR
-7	1	RBW6500X01611-W142E-3T-7	LARGE SEAT
-9	1	RBW6500X01611-W142E-3T-9	SMALL SEAT
-19	2	RBW6500X01611-W142E-3T-19	LONG STUD
-25	1	RBW6500X01611-W142E-3T-25	SCREW
26	2	DTSP10010-1	THIN HEX NUT
27	2	DTSP10011-1	FLANGE NUT
28	2	DTSP10012-1	SETUP STUD



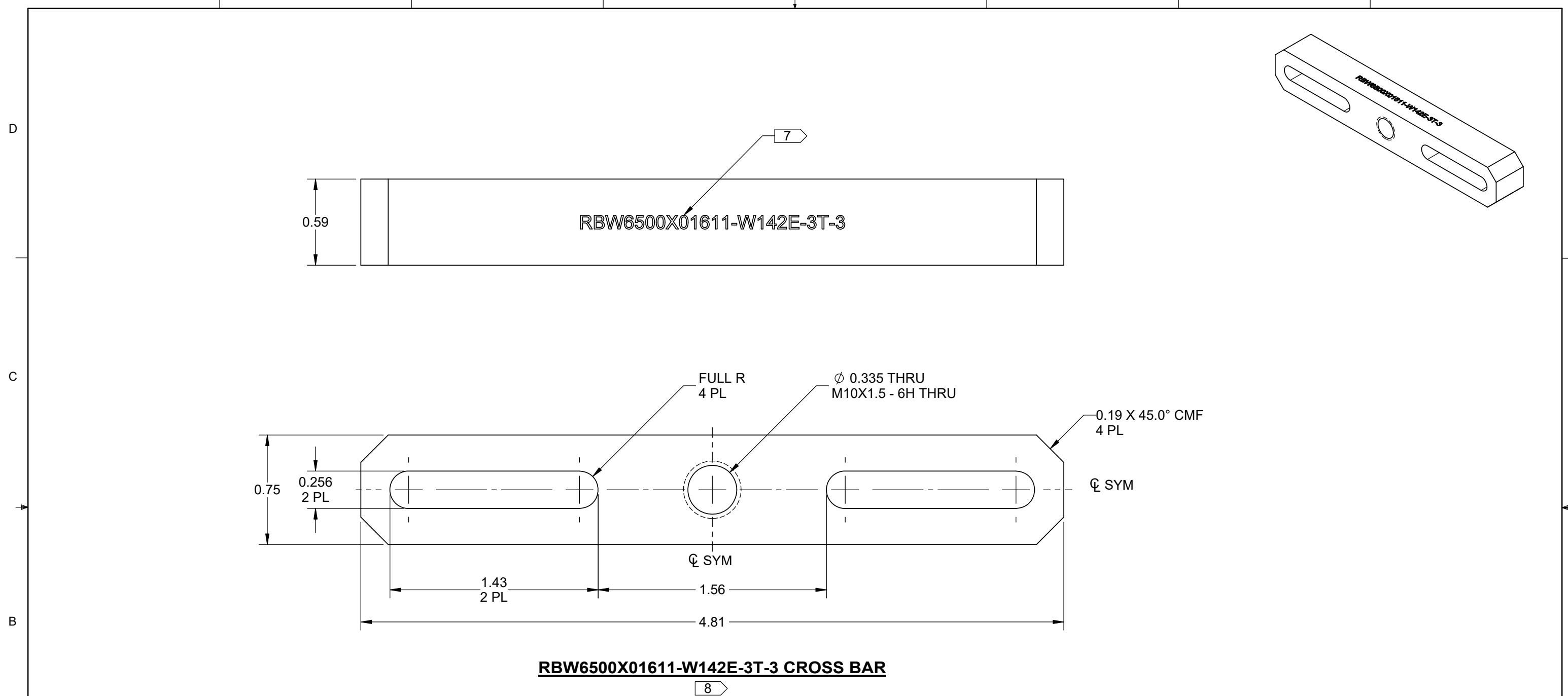
RBW6500X01611-W142E-3T OIL SEAL HOUSING REMOVAL PULLER

NOTES:

- 1) MATERIAL: N/A
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) BREAK SHARP EDGES: N/A
- 7) IDENTIFICATION: N/A
- 8) ASSEMBLE AS SHOWN
- 9) APPLY RED THREADLOCKER LOCTITE 263/262 ON THREADS OF ITEM -5 THEN ASSEMBLE WITH ITEMS -19 AND 28.
TORQUE TO 50 - 70 INCH POUNDS.

E	UPDATED DRAWING TEMPLATE REFER TO CAR 20-365 FOR LIST OF CHANGES MADE			20-515	KPT
REV.	DESCRIPTION			ECN #	BY
DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA			A
DRAWN	KPT				
CHECKED	SAD	TOOL P/N	REV. E RBW6500X01611-W142E-3T		
MFG. APPR.	FK	SHEET 1 OF 7			
APPROVED	<i>M Lee</i>	TITLE	OIL SEAL HOUSING REMOVAL PULLER		
DATE	20.03.19	SCALE	NTS		
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8 7 6 5 4 3 2 1



NOTES:

1) MATERIAL: AISI 1018/1020/1025 CARBON STEEL PER ASTM A108 OR MIL-S-7097

2) HEAT TREAT: N/A

3) FINISH: ZINC PLATE PER ASTM B633 SC 2 TYPE 2 (BLACK CHROMATE CONVERSION COATING)

4) TOLERANCES: X.X = +/- 0.1" / +/- 1°

X.XX = +/- 0.01" / +/- 0.5°

X.XXX = +/- 0.005" / +/- 0.1°

X.XXXX = +/- 0.0005" / +/- 0.05°

PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"

5) UNITS: INCHES UNLESS OTHERWISE NOTED

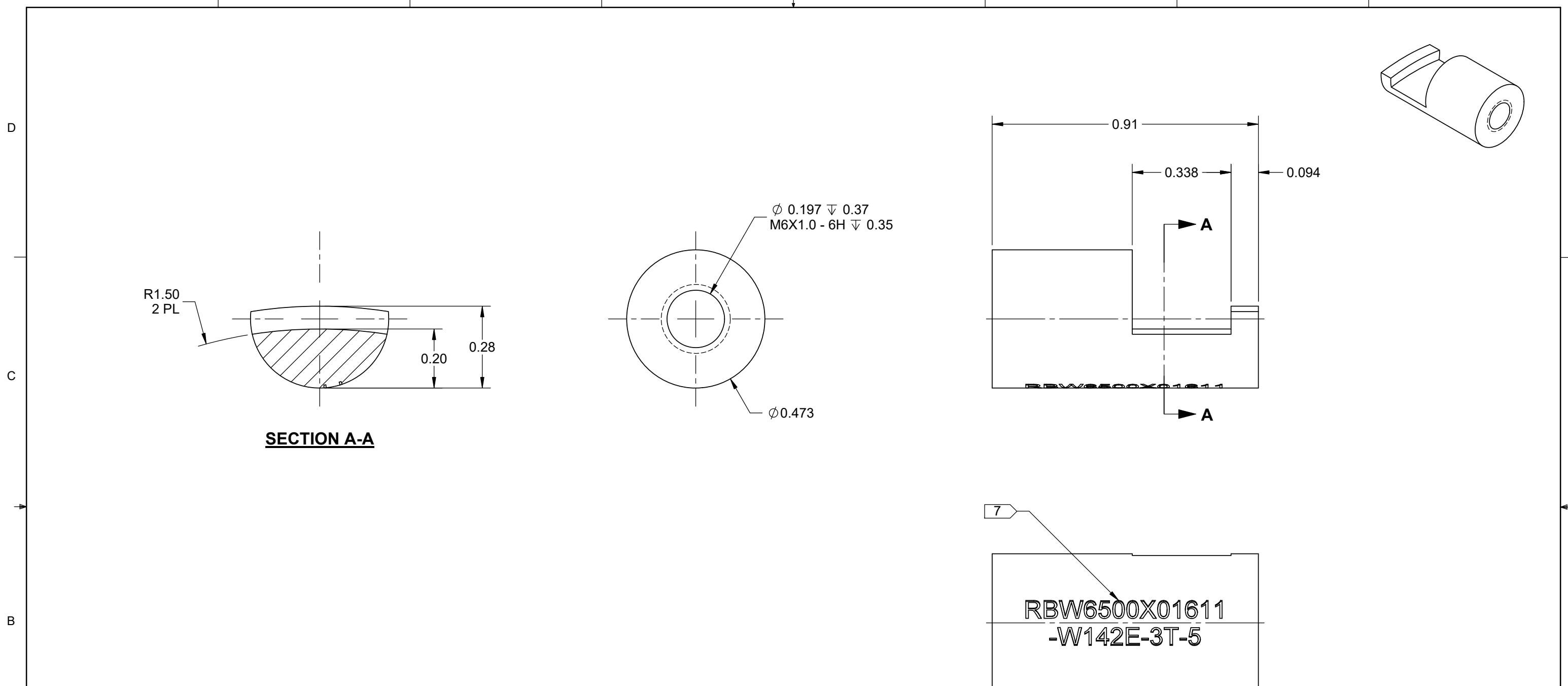
6) BREAK SHARP EDGES: 0.005 TO 0.010

7) IDENTIFICATION: MACHINE ENGRAVE OR DOT MARK P/N, "RBW6500X01611-W142E-3T-3", AS SHOWN

8) DIMENSIONAL LIMITS APPLY AFTER PLATING

DESIGN	KPT	DART AEROSPACE LTD			
DRAWN	KPT	HAWKESBURY, ONTARIO, CANADA			
CHECKED	SAD	REV. E			
MFG. APPR.	FK	TOOL P/N RBW6500X01611-W142E-3T			
APPROVED	<i>M Lee</i>	SHEET 2 OF 7			
TITLE	OIL SEAL HOUSING REMOVAL PULLER				
DATE	20.03.19				
SCALE	NTS				
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8 7 6 5 4 3 2 1



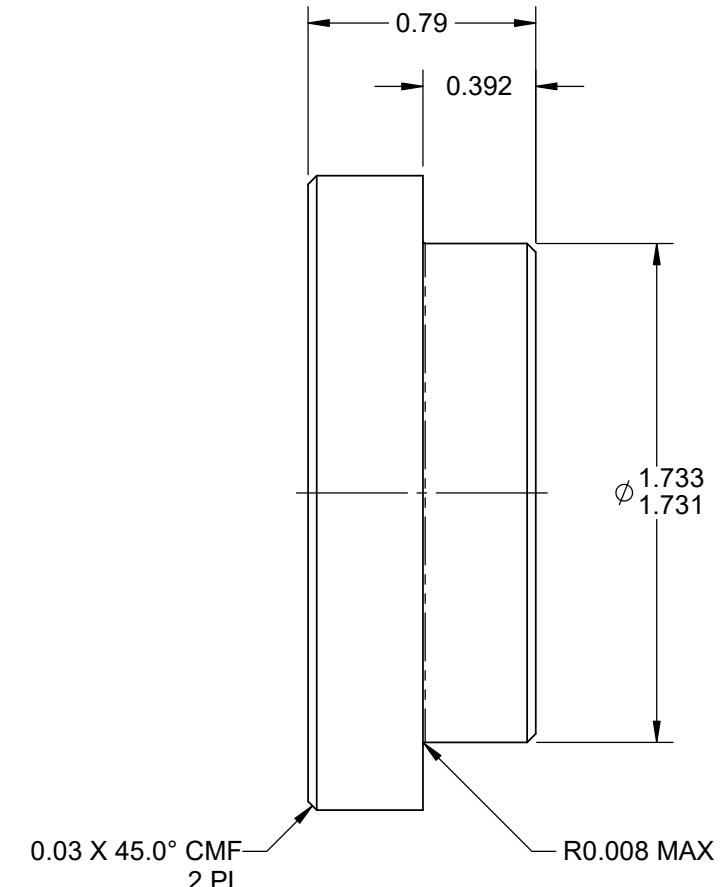
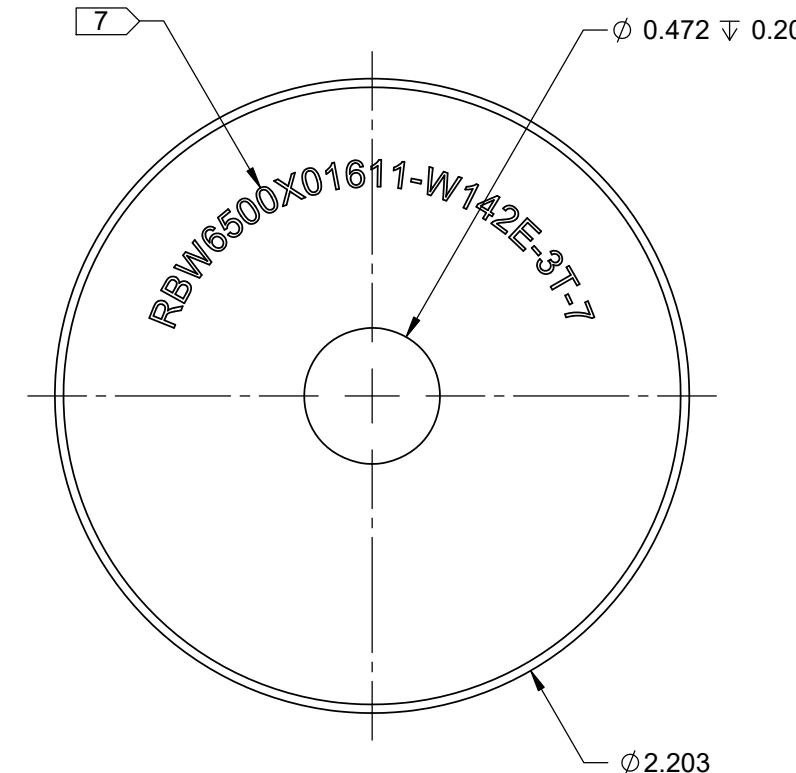
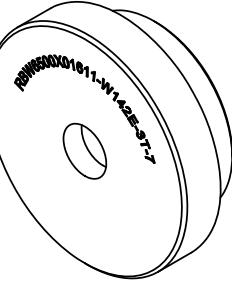
RBW6500X01611-W142E-3T-5 EXTRACTOR

8

NOTES:

- 1) MATERIAL: AISI 4140 ALLOY STEEL PER ASTM A434 GRADE BC/BD
- 2) HEAT TREAT: N/A
- 3) FINISH: ZINC PLATE PER ASTM B633 SC 2 TYPE 2 (BLACK CHROMATE CONVERSION COATING)
- 4) TOLERANCES: X.X = $+\text{-} 0.1"$ / $+\text{-} 1^\circ$
X.XX = $+\text{-} 0.01"$ / $+\text{-} 0.5^\circ$
X.XXX = $+\text{-} 0.005"$ / $+\text{-} 0.1^\circ$
X.XXXX = $+\text{-} 0.0005"$ / $+\text{-} 0.05^\circ$
- 5) PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = $+\text{-} 0.005"$
- 6) UNITS: INCHES UNLESS OTHERWISE NOTED
- 7) BREAK SHARP EDGES: 0.005 TO 0.010
- 8) IDENTIFICATION: MACHINE ENGRAVE OR DOT MARK P/N, "RBW6500X01611-W142E-3T-5", AS SHOWN
- 9) DIMENSIONAL LIMITS APPLY AFTER PLATING

DESIGN	KPT	DART AEROSPACE LTD	
DRAWN	KPT	HAWKESBURY, ONTARIO, CANADA	
CHECKED	SAD	REV. E	
MFG. APPR.	FK	TOOL P/N RBW6500X01611-W142E-3T	
APPROVED	<i>M. Lee</i>	SHEET 3 OF 7	
DATE	20.03.19	TITLE	OIL SEAL HOUSING REMOVAL PULLER
		SCALE	<input checked="" type="checkbox"/> NTS
			<input type="checkbox"/> + <input type="checkbox"/> -
		COPYRIGHT © 2013 BY DART AEROSPACE LTD	
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RBW6500X01611-W142E-3T-7 LARGE SEAT

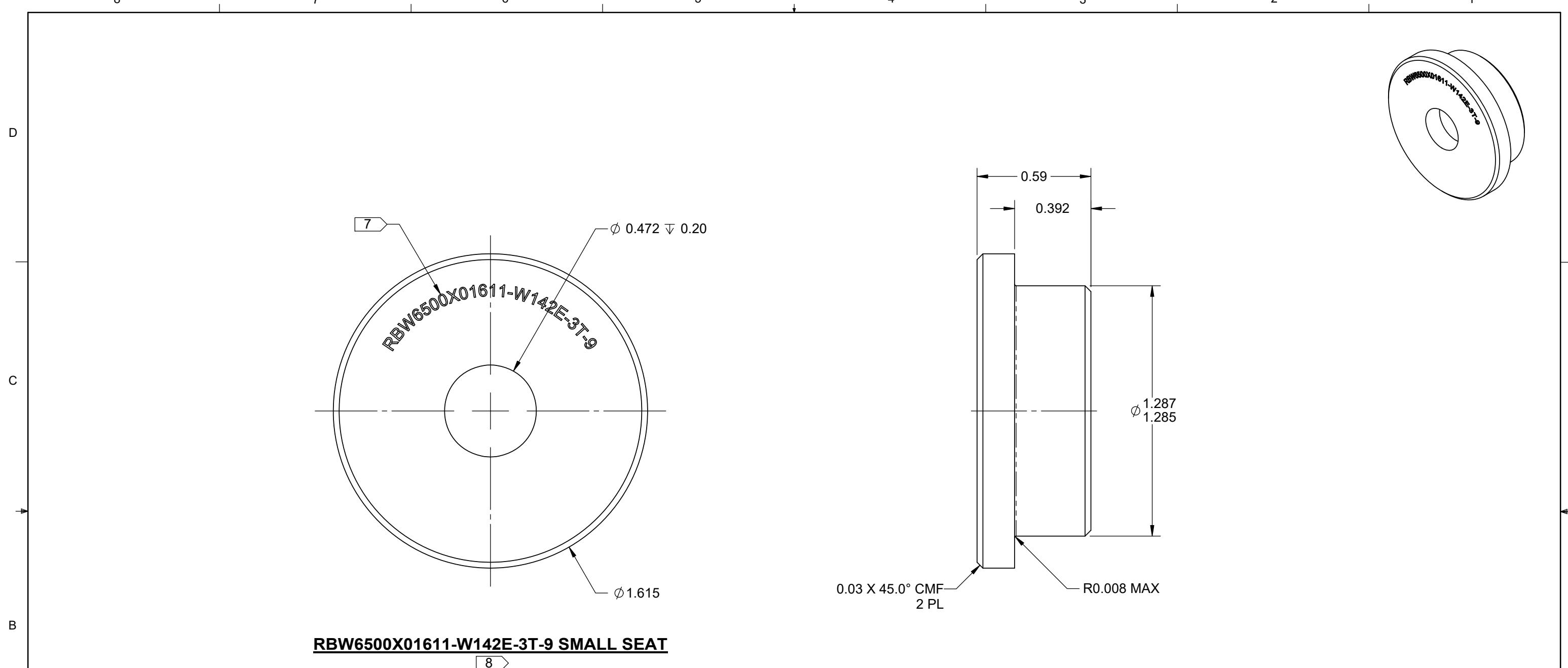
8

NOTES:

- 1) MATERIAL: AISI 1018/1020/1025 CARBON STEEL PER ASTM A108 OR MIL-S-7097
- 2) HEAT TREAT: N/A
- 3) FINISH: ZINC PLATE PER ASTM B633 SC 2 TYPE 2 (BLACK CHROMATE CONVERSION COATING)
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) BREAK SHARP EDGES: 0.005 TO 0.010
- 7) IDENTIFICATION: MACHINE ENGRAVE OR DOT MARK P/N, "RBW6500X01611-W142E-3T-7", AS SHOWN
- 8) DIMENSIONAL LIMITS APPLY AFTER PLATING

DESIGN	KPT	DART AEROSPACE LTD	
DRAWN	KPT	HAWKESBURY, ONTARIO, CANADA	
CHECKED	SAD	TOOL P/N	
MFG. APPR.	FK	REV. E	
APPROVED	<i>M Lee</i>	RBW6500X01611-W142E-3T	
TITLE		SHEET 4 OF 7	
OIL SEAL HOUSING REMOVAL PULLER		SCALE	<input checked="" type="checkbox"/>
DATE 20.03.19		NTS	<input type="checkbox"/> <input checked="" type="checkbox"/>
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8 7 6 5 4 3 2 1



NOTES:

- 1) MATERIAL: AISI 1018/1020/1025 CARBON STEEL PER ASTM A108 OR MIL-S-7097
- 2) HEAT TREAT: N/A
- 3) FINISH: ZINC PLATE PER ASTM B633 SC 2 TYPE 2 (BLACK CHROMATE CONVERSION COATING)
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) BREAK SHARP EDGES: 0.005 TO 0.010
- 7) IDENTIFICATION: MACHINE ENGRAVE OR DOT MARK P/N, "RBW6500X01611-W142E-3T-9", AS SHOWN
- 8) DIMENSIONAL LIMITS APPLY AFTER PLATING

DESIGN	KPT	DART AEROSPACE LTD						
DRAWN	KPT	HAWKESBURY, ONTARIO, CANADA						
CHECKED	SAD	REV. E						
MFG. APPR.	FK	TOOL P/N RBW6500X01611-W142E-3T						
APPROVED	<i>M Lee</i>	SHEET 5 OF 7						
TITLE	OIL SEAL HOUSING REMOVAL PULLER							
DATE	20.03.19							
SCALE	NTS							
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8 7 6 5 4 3 2 1

D

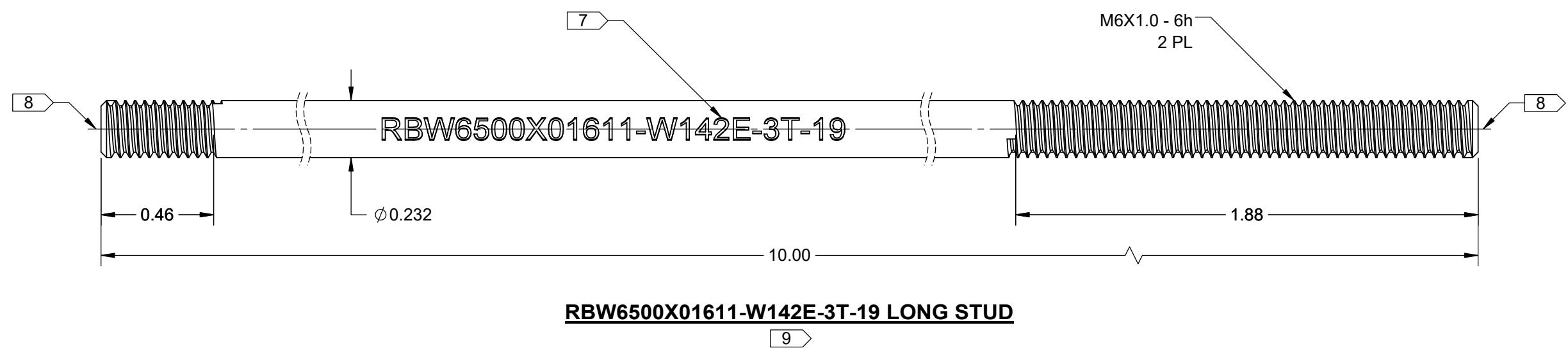
D

C

C

B

B



NOTES:

1) MATERIAL: AISI 1018/1020/1025 CARBON STEEL PER ASTM A108 OR MIL-S-7097

2) HEAT TREAT: N/A

3) FINISH: ZINC PLATE PER ASTM B633 SC 2 TYPE 2 (BLACK CHROMATE CONVERSION COATING)

4) TOLERANCES: X.X = +/- 0.1" / +/- 1°

X.XX = +/- 0.01" / +/- 0.5°

X.XXX = +/- 0.005" / +/- 0.1°

X.XXXX = +/- 0.0005" / +/- 0.05°

PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"

5) UNITS: INCHES UNLESS OTHERWISE NOTED

6) BREAK SHARP EDGES: 0.005 TO 0.010

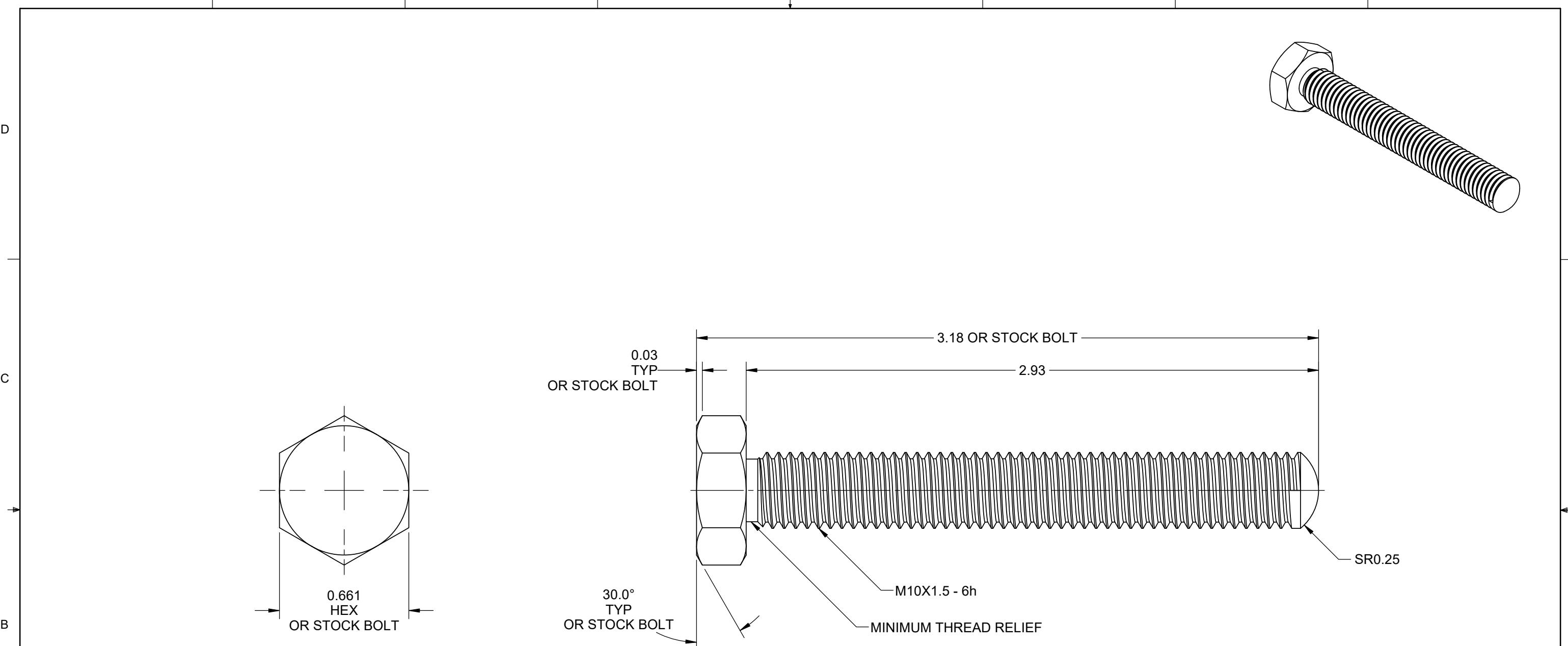
7) IDENTIFICATION: MACHINE ENGRAVE OR DOT MARK P/N, "RBW6500X01611-W142E-3T-19", AS SHOWN

8) CENTER DRILL IS ACCEPTABLE

9) DIMENSIONAL LIMITS APPLY AFTER PLATING

DESIGN	KPT	DART AEROSPACE LTD						
DRAWN	KPT	HAWKESBURY, ONTARIO, CANADA						
CHECKED	SAD	TOOL P/N						
MFG. APPR.	FK	REV. E						
APPROVED	<i>MLee</i>	RBW6500X01611-W142E-3T						
DATE	20.03.19	SHEET 6 OF 7						
TITLE	OIL SEAL HOUSING REMOVAL PULLER							
SCALE	NTS							
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8 7 6 5 4 3 2 1



RBW6500X01611-W142E-3T-25 SCREW

8

NOTES:

- 1) MATERIAL: AISI 4140 ALLOY STEEL PER ASTM A434 GRADE BC/BD
OR MCMASTER CARR BOLT 91310A138
- 2) HEAT TREAT: N/A
- 3) FINISH: ZINC PLATE PER ASTM B633 SC 2 TYPE 2 (BLACK CHROMATE CONVERSION COATING)
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) BREAK SHARP EDGES: 0.005 TO 0.010
- 7) IDENTIFICATION: N/A
- 8) DIMENSIONAL LIMITS APPLY AFTER PLATING

DESIGN	KPT	DART AEROSPACE LTD						
DRAWN	KPT	HAWKESBURY, ONTARIO, CANADA						
CHECKED	SAD	REV. E						
MFG. APPR.	FK	RBW6500X01611-W142E-3T						
APPROVED	<i>M Lee</i>	SHEET 7 OF 7						
TITLE	OIL SEAL HOUSING REMOVAL PULLER							
SCALE	NTS							
DATE	20.03.19							
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